AMENDMENTS TO THE SPECIFICATION:

On the first page, after the title, please insert the following:

Related Application (Priority Claim)

--This application is a National Phase filing regarding International Application No. PCT/JP2005/019302 filed on October 20, 2005, which claims priority from Japanese Patent Application No. 2004-318598 filed on November 1, 2004, Japanese Patent Application No. 2004-318599 filed on November 1, 2004, Japanese Patent Application No. 2005-057078 filed on March 2, 2005, Japanese Patent Application No. 2005-063396 filed on March 8, 2005, Japanese Patent Application No. 2005-063397 filed on March 8, 2005, Japanese Patent Application No. 2005-169233 filed on June 9, 2005, Japanese Patent Application No. 2005-174507 filed on June 15, 2005, and Japanese Patent Application No. 2005-227760 filed on August 5, 2005.--

Please amend paragraph [0051] as follows:

Further examples include ~~trialkyl~~ dialkyl zinc such as dimethyl zinc, diethyl zinc, diisobutyl zinc, dihexyl zinc, dioctyl zinc, and didecyl zinc.

Please amend paragraph [0095] as follows:

The catalyst for polymerization of conjugated diene according to the present invention was used to produce ~~butadiene~~ polybutadiene as the conjugated diene polymer. Examples thereof are described next with polymerization conditions and polymerization results shown in Tables 1-7.

Please amend paragraph [0114] as follows:

(Example 13)

Except for the solution of diethyl aluminum hydride (DEAH) in toluene (1 mol/L) added by a volume of 4 ml, polymerization was performed similar to Example ~~1~~ 11. The polymerization result is shown in Table 3.

Please amend paragraph [0115] as follows:

(Example 14)

Except for the solution of diethyl aluminum hydride (DEAH) in toluene (1 mol/L) added by a volume of 6 ml, polymerization was performed similar to Example ~~1~~ 11. The polymerization result is shown in Table 3.

Please amend paragraph [0140] as follows:

(Example 34)

Except for the solution of triethyl aluminum (TEA) in toluene (5 mol/L) added by 1.2 ml, and the polymerization time determined 30 minutes, polymerization was performed similar to Example ~~1~~ 33. The polymerization result is shown in Table 8.

Please amend paragraph [0141] as follows:

(Example 35)

Except for the solution of tris(2,2,6,6-tetramethyl heptane-3,5-dionate) yttrium in toluene (40 mmol/L) added by 0.5 ml, the solution of triphenyl carbenium tetrakis (pentafluoro phenyl) borate in toluene (0.43 mol/L) added by 0.1 ml, the solution of triethyl aluminum (TEA) in toluene (1 mol/L) added by 1 ml, and the polymerization time determined 30 minutes, polymerization was performed similar to Example ~~1~~ 33. The polymerization result is shown in Table 8.

Please amend paragraph [0142] as follows:

(Example 36)

Except for the solution of triethyl aluminum (TEA) in toluene (1 mol/L) added by 2 ml, polymerization was performed similar to Example ~~3~~ 35. The polymerization result is shown in Table 8.

Please amend paragraph [0143] as follows:

(Example 37)

Except for the solution of triethyl aluminum (TEA) in toluene (2 mol/L) added by 2 ml, polymerization was performed similar to Example ~~3~~ 35. The polymerization result is shown in Table 8.

Please amend paragraph [0159] as follows:

[Table 10]

~~Solvent: Cyclohexane~~

Example No	Solvent	Al		Yield g/l	Activity gPB/mmol-Y.h	Microstructure (%)			[ ]
			mM			Cis	Trans	Vinyl	
43	Toluene	TEA	7.5	83.1	3,320	94.8	4.1	1.1	2.6
44	Toluene	DEAH	1.8	53.2	2,130	97.5	1.5	1.0	2.7
45	Cyclohexane	TEA	5.0	9.5	380	90.5	7.8	1.7	1.8
46	Cyclohexane	TEA	7.5	26.4	1,050	90.2	8.1	1.7	1.9
47	Cyclohexane	DEAH	1.8	15.0	600	92.7	4.3	3.0	0.7

Polymerization Conditions:

Solvent + Bd = 400ml (Bd 140ml), $Y(tmhd)_3$ 0.05mM, B/Y = 2, Polymerization Temperature 40 C, Polymerization Time 30 min

Adding Order:

Solvent - Bd - 30 C - Al - 3 min - Y - 40 C - B

Please amend paragraph [0161] as follows:

Except for the use of a neodymium neodecanoate ($Nd(Ver)_3$) instead of tris(2,2,6,6-tetramethyl heptane-3,5-dionate) yttrium, polymerization in Comparative Examples 3 and 4 were performed similar to Examples 36 and 41. The results are shown in Table 12. As can be seen from Table 12, the activity on polymerization is higher when the tris(2,2,6,6-tetramethyl heptane-3,5-dionate) yttrium is used than when the neodymium neodecanoate is used.